

Electronic Acknowledgement Receipt

EFS ID:	5431701
Application Number:	10629459
International Application Number:	
Confirmation Number:	7326
Title of Invention:	Dynamic selection of optimal grouping sequence at runtime for grouping sets, rollup and cube operations in SQL query processing
First Named Inventor/Applicant Name:	Guogen Zhang
Customer Number:	45729
Filer:	George Henry Gates
Filer Authorized By:	
Attorney Docket Number:	SVL920030024US1
Receipt Date:	01-JUN-2009
Filing Date:	29-JUL-2003
Time Stamp:	19:53:00
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/Message Digest	Multi Part/.zip	Pages (if appl.)
1	Reply Brief Filed	Reply_Brief_2009-06-01.pdf	142895 e05f232312c90e34143d240ed59fbff0d059ff 4c53c	no	12

Warnings:

Information:

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.